

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015580**Date Inspected:** 13-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wu Shi Gao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

West of Bay 14-

This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG Segment 11CW X37 plate to I rib stiffener welds, CA086-037 and 049. ZPMC welders were identified as 066258 and 200113. ZPMC CWI was identified as Wu Shi Gao. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-4113-2.

Bay 14-

This QA Inspector observed the following work in progress: Submerged Arc Welding (SAW) of OBG Segment 13CW longitudinal diaphragm weld, LD3033-001-003. ZPMC welder was identified as 250050. ZPMC QC was identified as Li Ming Yang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

Submerged Arc Welding (SAW) of OBG Segment 13AW longitudinal diaphragm weld, LD3034-001-002. ZPMC welder was identified as 045265. ZPMC QC was identified as Li Ming Yang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

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Shielded Metal Arc Welding (SMAW) of OBG Segment 12AW X3S plate to deck panel I rib weld, SEG3004Y-050. ZPMC welder was identified as 047864. ZPMC QC was identified as Tang Ya Jun. ZPMC CWI was identified as Wu Shi Gao. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-4213-TC-U4b-2.

Flux Cored Arc Welding (FCAW) of OBG Segment 12AW X3S plate to edge plate weld, SEG3004Y-053. ZPMC welder was identified as 047866. ZPMC QC was identified as Tang Ya Jun. ZPMC CWI was identified as Wu Shi Gao. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U4b-F.

Bay 16-

This QA Inspector observed the following work in progress: Submerged Arc Welding (SAW) of OBG Segment 13AW bottom panel weld, BP3074-001-002 (B side). ZPMC welder was identified as 045270. ZPMC QC was identified as Tao Wei. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-U3c-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation occurred this day.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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